



CE CERTIFICATE



ISO14001: 2004

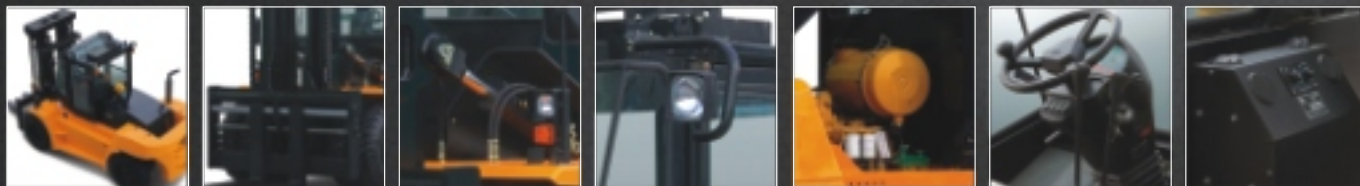


ISO9001: 2000



Options

- 2.5-6.0m duplex mast
- Special carriage and backrest
- Solid tyre
- Heater and air condition
- Other dimension forks
- Other attachment
- Fire extinguisher
- Suspension seat
- Dual air cleaner or special air cleaner
- Rear working light
- Customer painting



HANGCHA

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浙江杭叉工程机械集团股份有限公司
ZHEJIANG HANGCHA ENGINEERING MACHINERY CO.,LTD.

Drive axle

Made in China, HANGCHA-customized, heavy-duty car master reducer, wheel end reducer; open cam brake, air pressure driving brake, spring energy storage parking brake.

Gear-box

Imported gear-box, multi-stage torque converter, big converter ratio, wide range of auto-adjust speed ; stable and smooth shift , 2 stage forward and 1 stage backward, easy operation and maintenance.

Steering system

HANGCHA-made cross cylinder steering axle; tiltable lifting and lowering steering device, adjustable height and angle.

Hydraulic system

China made pump valve. Multiple unit valve and hand operation lever are connected with flexible shaft. Load sensing hydraulic system, double pumps supply, dynamic load sensing priority valve, reduce nonworking power consumption, reduce hydraulic oil temperature.

Body system

Combine frame structure with box-shape structure; high intensity, low weight, increase the cooling area of oil tank.

Power system

Yuchai YC6B160Z-T10 turbocharge 6 cylinders engine, high performance, low oil consumption, low speed high torque, great power reserve. Great capacity cooler, oil and water is together, huge cooling area, abundant cooling capacity.

Lifting assembly

Connect with body pin shaft, widen double mast, increased gantry resistance to torsion, widen view; standard fork can be adjusted with leading screw by hand , cylinder adjust is option.

Overhead guard

Whole full-floating type, connect with 4 point type rubber absorber ; tilted structure is easy to enter and maintain inside; diminutive steering column and steering wheel , wide space for driver's legs. Cab is for option.

Electrical system

Combined meters. Well-equipped meter display, alert function. Neutral starting in 0 shift of engine; low brake pressure alert; it will sound alert when low pressure or non-lease parking brake occurs.

Brake system

Adopt auto parts, air pressure power brake, it has the virtues which are not only little manipulation strength but also stop the pollution which oil leakage may cause.

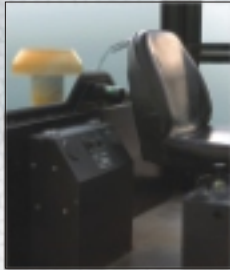
R series 12.0 - 16.0t forklift specification:

General	1 Manufacture			CPCD120		CPCD140		CPCD160		
	2 Basic model									
	3 Type			XG35	XW25	XG35	XW25	XG35	XW25	
	4 Power type			Diesel		Diesel		Diesel		
	5 Rated capacity		kg	12000		14000		16000		
	6 Load center		mm	600		600		600		
Dimensions	7 Fork spread(outside)		Min. / Max.	mm	520 / 2200		520 / 2200		820 / 2400	
	8 Lift height			mm	3000		3100		3100	
	9 Fork size		L×W×T	mm	1500×180×90		1500×200×85		1550×250×90	
	10 Mast tilt range		F / R	deg	6 / 12		6 / 12		6 / 12	
	11 Fork overhang(Wheel center to fork face)			mm	760		785		800	
	Overall dimensions	Length to face of fork		mm	6000		6210		6320	
		Overall width		mm	2420		2490		2490	
		Mast lowered height		mm	3180		3270		3290	
		Overhead guard height		mm	2910		2940		2960	
	Overall length(standard fork length)		mm	4500		4710		4820		
Performance	17 Turning radius(outside)			mm	4150		4350		4450	
	Speed	Travel (No load / Full load)	Km/h	28		29		30		
		Lifting / Lowering (Full load)	mm/sec	350		350		330		
	20 Max.gradeability(Full load)		%	20		20		20		
	21 Max. drawbar pull (Full load)		KN	100		100		100		
Chassis	22 Tyres		Front	mm	10.00 - 20 - 14PR		11.00 - 20 - 18PR		12.00 - 20 - 20PR	
			Rear	mm	10.00 - 20 - 14PR		11.00 - 20 - 18PR		12.00 - 20 - 20PR	
	Tread	Front	mm	1800		1800		1800		
		Rear	mm	1920		1890		1890		
	Ground clearance	Mast	mm	250		250		250		
		Wheelbase center	mm	315		330		350		
	28 Self weight		kg	15600		17600		19200		
	29 Battery		Voltage / Capacity(20HR)	V/AH	24 / 120		24 / 120		24 / 120	
	Power	Engine	Model		YC6B160Z-T10	QSB6.7	YC6B160Z-T10	QSB6.7	YC6B160Z-T10	QSB6.7
Manufacture			CHINA	CUMMINS	CHINA	CUMMINS	CHINA	CUMMINS		
Rated output / r.p.m.			kw/rmp	115 / 2300	119 / 2300	115 / 2300	119 / 2300	115 / 2300	119 / 2300	
Rated torque / r.p.m.			N·m/rmp	560 / 1500	931 / 1500	560 / 1500	931 / 1500	560 / 1500	931 / 1500	
No.of cylinder				6	6	6	6	6	6	
Bore×Stroke			mm	108×125	107×124	108×125	107×124	108×125	107×124	
Emission STD.				Stage 3 / Tier 3		Stage 3 / Tier 3		Stage 3 / Tier 3		
Stage			FWD/RVS	3 / 3	3 / 3	3 / 3	3 / 3	3 / 3	3 / 3	
Brake	Operating pressure		MPa	20	20	20	20	20	20	
	Driving brake			Pneumatic Drum		Pneumatic Drum		Pneumatic Drum		
	Parking Brake			Spring energy storage		Spring energy storage		Spring energy storage		

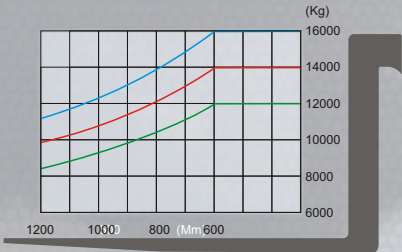
1. Special lifting height available (3.6m, 4m, 4.5m, 5m, 5.5m, 6m, 7m.) .
2. Attachment available.
3. The specification in the table are for standard models only. For further information please contact us.
4. Specification are subject to change without notice.

R series 12.0 - 16.0t forklift mast specification:

Type	Model	Mast fork height	Overall height		Tilt range		Capacity
			Lowered	Extended With backrest	FWD	RWD	Load capacity at 600 mm
							Double tire
GX120MX		mm	mm	mm	Deg	Deg	kg
		3000	3180	4695	6	12	12000
		3300	3330	4995	6	12	12000
		3600	3480	5295	6	12	12000
		4000	3680	5695	6	12	12000
		4300	3880	6030	6	6	12000
		4500	3980	6230	6	6	12000
		4800	4130	6530	6	6	12000
		5000	4230	6730	6	6	12000
		5500	4530	7280	3	6	10500
GX140MX		6000	4780	7780	3	6	9500
		3000	3270	4770	6	12	14000
		3300	3440	5090	6	12	14000
		3600	3590	5390	6	12	14000
		4000	3790	5790	6	12	14000
		4300	3990	6040	6	12	14000
		4500	4090	6340	6	12	14000
		4800	4240	6640	6	6	14000
		5000	4340	6840	6	6	14000
		5500	4640	7390	3	6	12500
GX160MX		6000	4890	7890	3	6	11500
		3000	3290	4790	6	12	16000
		3300	3440	5090	6	12	16000
		3600	3590	5390	6	12	16000
		4000	3790	5790	6	12	16000
		4300	3990	6140	6	12	16000
		4500	4090	6340	6	12	16000
		4800	4240	6640	6	6	16000
		5000	4340	6840	6	6	16000
		5500	4640	7390	3	6	14500



LOAD CHART



DIMENSIONS

